WEST

Help Logout Interrupt

Main Menu | Search Form | Posting Counts | Show S Numbers | Edit S Numbers | Preferences | Cases

Search Results -

Term	Documents
(8 NOT 3).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	32
(L8 NOT L3).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	32

Database: US Patents Full-Text Database; US Pre-Grant Publication Full-Text Database; JPO Abstracts Database; EPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: L9

Refine Search

Recall Text Clear

Search History

DATE: Friday, October 10, 2003 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
	DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=AND		
L9	L8 not L3	32	L9
L8	L7 and L6	33	L8
L7	(promoter) same (casein or lactoglobulin or lactalbumin or (whey adj acid))	750	L7
L6	L5 and L4	519	L6
L5	(milk or (mammary adj gland)) same (expression or secretion)	5328	L5
L4	L2 and (PDGF or PDGF-A or PDGF-B)	1540	L4
L3	L2 same (PDGF or PDGF-A or PDGF-B)	40	L3
L2	(transgenic adj (mammal or mouse or rat or goat))	11024	L2
L1	Echelard-Yann.in.	7	L1

WEST

Help Logout Interrupt

Main Menu | Search Form | Posting Counts | Show S Numbers | Edit S Numbers | Preferences | Cases

Search Results -

Term	Documents
(3 NOT 4).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	35
(L3 NOT L4).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	35

Database: US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L5

Refine Search

Recall Text Clear

Search History

DATE: Friday, October 10, 2003 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=AND			
L5	L3 not L4	35	L5
L4	L3 and milk	19	L4
L3	(insulator) same (transgenic)	54	L3
L2	L1 and (insulator)	0	L2
L1	Wilburn-Brian.in.	3	L1

END OF SEARCH HISTORY

PALM INTRANET

Day : Friday
Date: 10/10/2003

Time: 10:37:36

Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.
Additionally, enter the **first few letters** of the Inventor's First name.

Last Name	**First Name**	
Echelard	Yann	Search

To go back use Back button on your browser toolbar.

Back to PALM | ASSIGNMENT | OASIS | Home page

h e eb cg b e f e

Status: Path 1 of [Dialog Information Services via Modem]

Status: Initializing TCP/IP using (UseTelnetProto 1 ServiceID pto-dialog)
Trying 31060000009999...Open

DIALOG INFORMATION SERVICES
PLEASE LOGON:
 ******** HHHHHHHH SSSSSSS?
Status: Signing onto Dialog
 ****
ENTER PASSWORD:
 ******** HHHHHHHH SSSSSSS? ********
Welcome to DIALOG
Status: Connected

Dialog level 03.02.02D

Last logoff: 06oct03 15:18:36
Logon file001 10oct03 09:48:50
           *** ANNOUNCEMENT ***
                    ***
--File 654 - US published applications from March 15, 2001 to the
present are now online. Please see HELP NEWS 654 for details.

                    ***
--File 581 - The 2003 annual reload of Population Demographics is
complete. Please see Help News581 for details.

                    ***
                   ***
--File 990 - NewsRoom now contains February 2003 to current records.
File 992 - NewsRoom 2003 archive has been newly created and contains
records from January 2003. The oldest months's records roll out of
File 990 and into File 992 on the first weekend of each month.
To search all 2003 records BEGIN 990, 992, or B NEWS2003, a new
OneSearch category.
                    ***
--Connect Time joins DialUnits as pricing options on Dialog.
See HELP CONNECT for information.
                    ***
                    ***
--SourceOne patents are now delivered to your email inbox
as PDF replacing TIFF delivery. See HELP SOURCE1 for more
information.
                    ***
--Important news for public and academic
libraries. See HELP LIBRARY for more information.
                    ***
--Important Notice to Freelance Authors--
See HELP FREELANCE for more information
                    ***
NEW FILES RELEASED
***World News Connection (File 985)
***Dialog NewsRoom - 2003 Archive (File 992)
***TRADEMARKSCAN-Czech Republic (File 680)
***TRADEMARKSCAN-Hungary (File 681)
***TRADEMARKSCAN-Poland (File 682)
                    ***
UPDATING RESUMED
                    ***
RELOADED
***Population Demographics -(File 581)
***CLAIMS Citation (Files 220-222)

REMOVED

```
                    ***

      >>> Enter BEGIN HOMEBASE for Dialog Announcements <<<
      >>>    of new databases, price changes, etc.      <<<
                    ****
KWIC is set to 50.
HILIGHT set on as '*'

File   1:ERIC  1966-2003/Oct 06
       (c) format only 2003 The Dialog Corporation

      Set  Items  Description
      ---  -----  -----------
Cost is in DialUnits
?b 155, 5, 73
       10oct03 09:49:02 User259876 Session D554.1
            $0.30    0.087 DialUnits File1
     $0.30  Estimated cost File1
     $0.04  TELNET
     $0.34  Estimated cost this search
     $0.34  Estimated total session cost   0.087 DialUnits


SYSTEM:OS  - DIALOG OneSearch
  File 155:MEDLINE(R)  1966-2003/Oct W1
        (c) format only 2003 The Dialog Corp.
*File 155: Medline has been reloaded and accession numbers have
changed.  Please see HELP NEWS 155.
  File   5:Biosis Previews(R)  1969-2003/Oct W1
        (c) 2003 BIOSIS
  File  73:EMBASE  1974-2003/Oct W1
        (c) 2003 Elsevier Science B.V.

      Set  Items  Description
      ---  -----  -----------
?s (transgenic (w) milk) (s) (PDGF or PDGF-A or PDGF-B)
          123664  TRANSGENIC
          185056  MILK
           21996  PDGF
              14  PDGF-A
              19  PDGF-B
      S1       0  (TRANSGENIC (W) MILK) (S) (PDGF OR PDGF-A OR PDGF-B)
?s (PDGF or PDGF-A or PDGF-AA or PDGF-B or PDGF-BB or PDGF-AB) (s) (transgenic (w) (mam
mal or mouse or rat or goat or rabbit))
           21996  PDGF
              14  PDGF-A
               7  PDGF-AA
              19  PDGF-B
              34  PDGF-BB
               8  PDGF-AB
          123664  TRANSGENIC
          134381  MAMMAL
         1449091  MOUSE
         2676188  RAT
           46139  GOAT
          562626  RABBIT
      S2      16  (PDGF OR PDGF-A OR PDGF-AA OR PDGF-B OR PDGF-BB OR
                  PDGF-AB) (S) (TRANSGENIC (W) (MAMMAL OR MOUSE OR RAT OR
                  GOAT OR RABBIT))
?rd
...completed examining records
      S3      13  RD (unique items)
?t s3/3,k/all

 3/3,K/1     (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2003 The Dialog Corp. All rts. reserv.
```

11181960 98058366 PMID: 9396344

[Molecular pathomechanism of HTLV-I infectious diseases]

Kitajima I

Department of Laboratory Medicine, Kagoshima University of School of Medicine.

Rinsho byori. The Japanese journal of clinical pathology (JAPAN) Nov 1997, 45 (11) p1048-56, ISSN 0047-1860 Journal Code: 2984781R

Document type: Journal Article; Review; Review, Tutorial ; English Abstract

Languages: JAPANESE

Main Citation Owner: NLM

Record type: Completed

... bones and pannus-like granulomtous change with infiltration of mononuclear cells. Thus, this novel mechanism might explain synovial proliferation caused by HTLV-I. Tax-expressing *transgenic* *mouse* lines also demonstrated that tax itself could serve as an oncogne in fibroblastic cells. Tumors occurred in 100% of the mice with reproducible time periods after wounding. We established cell lines, which expressed high levels of c-fos, c-myc, myb, *PDGF*, TGF-beta, Zif, and IL-6. Antisense ablation of the p65 subunits of NF-kappa B profoundly inhibited tumor growth in vitro with no apparent...

3/3,K/2 (Item 2 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

11158422 98034462 PMID: 9368101

Temporal and spatial specificity of PDGF alpha receptor promoter in transgenic mice.

Reinertsen K K; Bronson R T; Stiles C D; Wang C

Department of Microbiology and Molecular Genetics, Harvard Medical School, Boston, MA, USA.

Gene expression (UNITED STATES) 1997, 6 (5) p301-14, ISSN 1052-2166 Journal Code: 9200651

Contract/Grant No.: CA 74907; CA; NCI; HD 24926; HD; NICHD

Erratum in Gene Expr 1998;7(2) 131

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

Aberrant expression of the platelet-derived growth factor alpha receptor (*PDGF* alpha R) has been linked to developmental abnormalities in vertebrate models, and has been implicated in multiple disease states in humans. To identify cis-acting...

... a 6-kb promoter sequence. Expression of lacZ was monitored throughout embryonic development, with special focus on nervous tissue, skeleton, and several organ systems wherein *PDGF* alpha R expression is thought to play a pivotal role. In several independent *transgenic* *mouse* strains, lacZ expression recapitulated predominant features of *PDGF* alpha R gene expression during mouse development. These results demonstrate that critical tissue-specific regulatory elements for *PDGF* alpha R expression are located within a 6-kb upstream region of the *PDGF* alpha R gene.

3/3,K/3 (Item 3 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

10129654 22106606 PMID: 12111846

Differential neuropathological alterations in transgenic mice expressing alpha-synuclein from the platelet-derived growth factor and Thy-1 promoters.

Rockenstein Edward; [redacted]lory Margaret; Hashimoto Ma[redacted]o; Song David; Shults Clifford W; Lang Ingrid; Masliah Eliezer
Department of Neurosciences, University of California San Diego, La Jolla, California 92093-0624, USA.
Journal of neuroscience research (United States) Jun 1 2002, 68 (5) p568-78, ISSN 0360-4012 Journal Code: 7600111
Contract/Grant No.: AG10869; AG; NIA; AG18440; AG; NIA; AG5131; AG; NIA
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: Completed

... patterns of human alpha-synuclein accumulation in the brains of transgenic mice expressing this molecule from the murine Thy-1 and platelet-derived growth factor (*PDGF*) promoters. In murine Thy-1-human alpha-synuclein transgenic mice, this protein accumulated in synapses and neurons throughout the brain, including the thalamus, basal ganglia, substantia nigra, and brainstem. Expression of human alpha-synuclein from the *PDGF* promoter resulted in accumulation in synapses of the neocortex, limbic system, and olfactory regions as well as formation of inclusion bodies in neurons in deeper...

... alpha-synuclein expression in glial cells mimicking some features of multiple system atrophy. These results show a more widespread accumulation of human alpha-synuclein in *transgenic* *mouse* brains. Taken together, these studies support the contention that human alpha-synuclein expression in transgenic mice might mimic some neuropathological alterations observed in Lewy body...

3/3,K/4 (Item 4 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2003 The Dialog Corp. All rts. reserv.

07147461 92009657 PMID: 1916630
[HTLV-I tax mediated activation of cellular genes in transgenic mice]
Shinohara T
Second Department of Pathology, Hokkaido University School of Medicine, Sapporo, Japan.
Hokkaido igaku zasshi The Hokkaido journal of medical science (JAPAN) Jul 1991, 66 (4) p534-43, ISSN 0367-6102 Journal Code: 17410290R
Document type: Journal Article ; English Abstract
Languages: JAPANESE
Main Citation Owner: NLM
Record type: Completed

... tax have been studied in vitro, mostly in T-cell lines. To determine its function in vivo in multiple cell types, we have used two *transgenic* *mouse* lines in which tax is expressed under the control of the LTR (LTRtax) or murine Thyl. 2 (Thytax) transcriptional regulatory sequences. Tax protein is expressed...

... gland, skeletal muscle, bone matrix and thymus tissue. In these tissues the expression of endogenous IL-2R, c-fos, GM-CSF, Zif268, IL-6, and *PDGF* -B were studied. In fibroblastic tumors GM-CSF, IL-6, *PDGF*-B, Zif268, c-fos were expressed at high levels. No significant changes in expression of these genes were seen in other tissues. This suggests that...

3/3,K/5 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.

14342316 BIOSIS NO.: 200300336345
The Effect of Continuous Overexpression of Erythropoietin on Iron Metabolism in Mice.
AUTHOR: Monge Arianne(a); Kim Sangwon(a); Sheftel Alex(a); Ponka Premysl(a)

; Gassmann Max(a)
AUTHOR ADDRESS: (a)Institute of Physiology, University of Zurich, Zurich, Switzerland**Switzerland
JOURNAL: Blood 100 (11):pAbstract No 10 November 16 2002 2002
MEDIUM: print
CONFERENCE/MEETING: 44th Annual Meeting of the American Society of Hematology Philadelphia, PA, USA December 06-10, 2002
SPONSOR: American Society of Hematology
ISSN: 0006-4971
RECORD TYPE: Abstract
LANGUAGE: English

ABSTRACT: We developed a *transgenic* *mouse* line overexpressing erythropoietin. The animals were generated by microinjection of the full length human erythropoietin cDNA with the human platelet-derived growth factor (*PDGF*) B-chain promoter into pronuclei of fertilized oocytes derived from B6C3 hybrid mice (Ruschitzka et al PNAS 97: 11609-13, 2000). The human erythropoietin level...

3/3,K/6 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

13632644 BIOSIS NO.: 200200261465
Transgenic mice expressing a constitutively activated FLT3 receptor display a myeloproliferative disease phenotype.
AUTHOR: Baldwin Brenda R(a); Tse Kam-Fai(a); Small Donald(a)
AUTHOR ADDRESS: (a)Oncology, Johns Hopkins University, Baltimore, MD**USA
JOURNAL: Blood 98 (11 Part 1):p801a November 16, 2001
MEDIUM: print
CONFERENCE/MEETING: 43rd Annual Meeting of the American Society of Hematology, Part 1 Orlando, Florida, USA December 07-11, 2001
ISSN: 0006-4971
RECORD TYPE: Abstract
LANGUAGE: English

...ABSTRACT: an activated FLT3 alone will result in leukemic transformation and also to determine if activated FLT3 leads to stem/progenitor cell expansion, a Tel-FLT3 *transgenic* *mouse* was developed (under the control of a CMV promoter). The Tel-FLT3 construct was developed to mimic the t(5:12) translocation that occurs between TEL and the *PDGF* receptor (a member of the same family as FLT3) in a subset of CMML patients and was previously shown by our lab to be constitutively...

3/3,K/7 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

13325433 BIOSIS NO.: 200100532582
Tau hyperphosphorylation, axonal abnormalities, and motor dysfunction in p25 protein-overexpressing transgenic mice.
AUTHOR: Bian F(a); Nath R(a); Sobocinski G; Lipinski W(a); Callahan M(a); Pack A(a); Wang K(a); Walker L(a)
AUTHOR ADDRESS: (a)CNS Pharmacology, Pfizer Global Res and Dev, Ann Arbor, MI**USA
JOURNAL: Society for Neuroscience Abstracts 27 (1):p1131 2001
MEDIUM: print
CONFERENCE/MEETING: 31st Annual Meeting of the Society for Neuroscience San Diego, California, USA November 10-15, 2001
ISSN: 0190-5295
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

...ABSTRACT: in tau phosphorylation. cdk5 is constitutively activated by

p25, a 25kd protein tha[redacted]is thought to be increased in t[redacted] AD brain. We created several *transgenic* *mouse* lines that overexpress the human p25 protein specifically in neurons. The transgenic mice overexpressing p25 protein driven by *PDGF* promoter (*PDGF*-p25) have been fully characterized. Kinase assays showed significantly higher cdk5 activity in transgenic brains; whereas immunohistochemical and ultrastructural analyses demonstrated widespread tau phosphorylation and...

3/3,K/8 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

12902140 BIOSIS NO.: 200100109289
Polyglobulia in transgenic mice overexpressing erythropoietin worsens outcome after focal brain ischemia.
AUTHOR: Wiessner C(a); Allegrini P R; Alt U R; Ekatodramis D; Gassmann M
AUTHOR ADDRESS: (a)Novartis Pharma AG, Basel**Switzerland
JOURNAL: Society for Neuroscience Abstracts 26 (1-2):pAbstract No-67011 2000
MEDIUM: print
CONFERENCE/MEETING: 30th Annual Meeting of the Society of Neuroscience New Orleans, LA, USA November 04-09, 2000
SPONSOR: Society for Neuroscience
ISSN: 0190-5295
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

ABSTRACT: *Transgenic* *mouse* lines expressing human Erythropoietin (EPO) under the control of the *PDGF* promoter were investigated in a stroke model (permanent MCAO). In line tg6, CNS and serum EPO levels were increased, resulting in a hematocrit about 80...

3/3,K/9 (Item 5 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

12874749 BIOSIS NO.: 200100081898
Cytoplasmatic and nuclear localization of ataxin-7 (a7) in normal human brain and nuclear accumulation of mutant a7 in transgenic mouse models of SCA 7.
AUTHOR: Lindenberg K S(a); Devys D; Mueller K; Landwehrmeyer G B; Mandel J L; Volk B; Weber C; Yvert G
AUTHOR ADDRESS: (a)U. Freiburg, Freiburg**Germany
JOURNAL: Society for Neuroscience Abstracts 26 (1-2):pAbstract No-4797 2000
MEDIUM: print
CONFERENCE/MEETING: 30th Annual Meeting of the Society of Neuroscience New Orleans, LA, USA November 04-09, 2000
SPONSOR: Society for Neuroscience
ISSN: 0190-5295
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

...ABSTRACT: these neurons are vulnerable in SCA7, a physiological nuclear enrichment of a7 may predispose to neurodegeneration. To gain further insight into the pathogenesis of SCA7, *transgenic* *mouse* models were generated by using *PDGF*-B or pcp-2 as promoters to drive the expression of full length mutant or normal a7 in neurons throughout the brain or in Purkinje...

3/3,K/10 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

12205388 BIOSIS NO.: 199900500237
Platelet derived growth factor-AA (*PDGF*-AA) in liver fibrosis: An inducible *transgenic* *mouse* model to study liver fibrogenesis.
AUTHOR: Kanzler Stephan(a); Blessing Manred; Galle Peter R; Lohse Ansgar W
AUTHOR ADDRESS: (a)University of Mainz, Mainz**Germany
JOURNAL: Hepatology 30 (4 PART 2):p413A Oct., 1999
CONFERENCE/MEETING: 50th Annual Meeting and Postgraduate Courses of the American Association for the Study of Liver Diseases Dallas, Texas, USA November 5-9, 1999
SPONSOR: American Association for the Study of Liver Diseases
ISSN: 0270-9139
RECORD TYPE: Citation
LANGUAGE: English

Platelet derived growth factor-AA (*PDGF*-AA) in liver fibrosis: An inducible *transgenic* *mouse* model to study liver fibrogenesis.

3/3,K/11 (Item 7 from file: 5)

10869782 BIOSIS NO.: 199799490927
Molecular and anatomic analysis of the *PDGF*-hAPP V717F *transgenic* *mouse*.
AUTHOR: Hyman Bradley T(a); Irizarry Michael C; McNamara Megan; Soriano Ferdi; Schenk Dale; Games Dora
AUTHOR ADDRESS: (a)Charlestown, MA**USA
JOURNAL: Neurology 48 (3 SUPPL. 2):pA273 1997
CONFERENCE/MEETING: 49th Annual Meeting of the American Academy of Neurology Boston, Massachusetts, USA April 12-19, 1997
ISSN: 0028-3878
RECORD TYPE: Citation
LANGUAGE: English

Molecular and anatomic analysis of the *PDGF*-hAPP V717F *transgenic* *mouse*.

3/3,K/12 (Item 8 from file: 5)

10594201 BIOSIS NO.: 199699215346
Molecular and anatomic correlates in the *PDGF*-hAPP V717F *transgenic* *mouse*.
AUTHOR: Irizarry M C(a); Page K J; Soriano F; Schnek D; Games D; Hyman B T
AUTHOR ADDRESS: (a)Neurol., Mass Gen. Hosp., Boston, MA 02114**USA
JOURNAL: Society for Neuroscience Abstracts 22 (1-3):p25 1996
CONFERENCE/MEETING: 26th Annual Meeting of the Society for Neuroscience Washington, D.C., USA November 16-21, 1996
ISSN: 0190-5295
RECORD TYPE: Citation
LANGUAGE: English

Molecular and anatomic correlates in the *PDGF*-hAPP V717F *transgenic* *mouse*.

3/3,K/13 (Item 9 from file: 5)

10082093 BIOSIS NO.: 199598537011
Role of platelet-derived growth factor (*PDGF*) in hepatic fibrosis:

Evaluation in a novel [redacted]ansgenic* *mouse* model.
AUTHOR: Davern T J(a); Liu X; Ferrell L; Rockey D(a); Fr[redacted]man S L(a); Escabedo J A; Williams L T; Scharschmidt B F(a)
AUTHOR ADDRESS: (a)UCSF Liver Cent., Univ. Calif., San Francisco, CA 94143 **USA
JOURNAL: Hepatology 22 (4 PART 2):p281A 1995
CONFERENCE/MEETING: 46th Annual Meeting and Postgraduate Course of the American Association for the Study of Liver Diseases Chicago, Illinois, USA November 3-7, 1995
ISSN: 0270-9139
RECORD TYPE: Citation
LANGUAGE: English

Role of platelet-derived growth factor (*PDGF*) in hepatic fibrosis: Evaluation in a novel *transgenic* *mouse* model.
?ds

Set	Items	Description
S1	0	(TRANSGENIC (W) MILK) (S) (PDGF OR PDGF-A OR PDGF-B)
S2	16	(PDGF OR PDGF-A OR PDGF-AA OR PDGF-B OR PDGF-BB OR PDGF-AB) (S) (TRANSGENIC (W) (MAMMAL OR MOUSE OR RAT OR GOAT OR RABBIT))
S3	13	RD (unique items)

```
?s s3 and (milk)
            13  S3
        185056  MILK
      S4     0  S3 AND (MILK)
?s (PDGF or PDGF-A or PDGF-B or PDGF-AB) (s) (transgenic)
         21996  PDGF
            14  PDGF-A
            19  PDGF-B
             8  PDGF-AB
        123664  TRANSGENIC
      S5   172  (PDGF OR PDGF-A OR PDGF-B OR PDGF-AB) (S) (TRANSGENIC)
?s s5 and (milk or (mammary (w) gland))
           172  S5
        185056  MILK
        125756  MAMMARY
        425066  GLAND
         30409  MAMMARY(W)GLAND
      S6     0  S5 AND (MILK OR (MAMMARY (W) GLAND))
?s (promoter) (s) (casein or lactoglobulin or lactalbumin or (whey (w) acid) or WAP)
        276296  PROMOTER
         51397  CASEIN
          7004  LACTOGLOBULIN
          7581  LACTALBUMIN
         12929  WHEY
       3468365  ACID
            47  WHEY(W)ACID
           803  WAP
      S7  1367  (PROMOTER) (S) (CASEIN OR LACTOGLOBULIN OR LACTALBUMIN OR
                (WHEY (W) ACID) OR WAP)
?s s5 and s7
           172  S5
          1367  S7
      S8     0  S5 AND S7
?s (PDGF or PDGF-A or PDGF-AA or PDGF-B or PDGF-BB or PDGF-AB) (s) (milk)
         21996  PDGF
            14  PDGF-A
             7  PDGF-AA
            19  PDGF-B
            34  PDGF-BB
             8  PDGF-AB
        185056  MILK
      S9   15  (PDGF OR PDGF-A OR PDGF-AA OR PDGF-B OR PDGF-BB OR
                PDGF-AB) (S) (MILK)
?rd
```

...completed examining records
S10 8 RD (unique items)
?t s10/3,k/all

10/3,K/1 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

11367989 98248858 PMID: 9587306
Comparison of various transport media on human periodontal ligament cell viability.
Olson B D; Mailhot J M; Anderson R W; Schuster G S; Weller R N
Department of Periodontics and Oral Biology, School of Dentistry, Medical College of Georgia, Augusta 30912-1244, USA.
Journal of endodontics (UNITED STATES) Nov 1997, 23 (11) p676-9, ISSN 0099-2399 Journal Code: 7511484
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: Completed

... in vitro. PDL cells were obtained from extracted third molars and premolars of healthy individuals. These cells were placed into 24-well culture plates containing *milk*, Save-A-Tooth, Save-A-Tooth supplemented with platelet-derived growth factor-BB (*PDGF*), or Gatorade at a concentration of approximately 80,000/well. Cells left dry served as negative controls, and cells placed in Eagles' Minimal Essential Medium...

... cell viability was evaluated using an MTS assay and an ELISA plate reader to determine optical density. ANOVA and Student-Newman-Keuls tests indicated that *milk* and Save-A-Tooth with *PDGF* are suitable as transport medium for avulsed teeth and that the addition of *PDGF* to Save-A-Tooth may enhance its ability to maintain PDL cell viability. They also suggests that Gatorade would be unsuitable as a transport medium.

10/3,K/2 (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

11096186 97389885 PMID: 9246937
Platelet-derived growth factor, insulin-like growth factors, fibroblast growth factors and transforming growth factor beta do not account for the cell growth activity present in bovine milk.
Belford D A; Rogers M L; Francis G L; Payne C; Ballard F J; Goddard C
Cooperative Research Centre for Tissue Growth and Repair, Women's and Children's Hospital, North Adelaide, Australia.
Journal of endocrinology (ENGLAND) Jul 1997, 154 (1) p45-55, ISSN 0022-0795 Journal Code: 0375363
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: Completed

...the cell growth activity present in whey and we have used this process as a basis to characterise further the growth factors present in bovine *milk* . Under neutral conditions, total bioactivity in the growth factor-enriched cation-exchange fraction chromatographed with an apparent molecular mass of 80-100 kDa. In contrast...

... purified from fractions that eluted at 6 kDa, although the IGF peptides alone did not account for the total bioactivity recovered. Platelet-derived growth factor (*PDGF*), identified by radioreceptor assay, eluted at a slightly higher molecular mass than the peak of growth activity for Balb/c 3T3 cells, and an anti-*PDGF* antibody was without effect on the growth of Balb/c 3T3 cells in response to the whey-derived factors. Further purification of the inhibitory activity...

... of Balb/c 3T3 fibroblasts in the whey-derived extract by only 10%. Finally, a cocktail of recombinant growth factors containing IGF-I, IGF-II, *PDGF*, TGF-beta and fibroblast growth factor 2 stimulated growth of Balb/c 3T3 cells to a level equivalent to only 51% of that observed in the *milk* -derived growth factor preparation. We conclude that: (i) cell growth activity recovered from bovine whey is present in acid-labile high molecular weight complexes; (ii...

... myoblasts and skin fibroblasts, although the IGF peptides alone do not explain the growth of these cells in the whey-derived extract; and (iv) neither *PDGF* nor TGF-beta account for the 15-25 kDa peak of Balb/c 3T3 growth activity. These data suggest the presence of additional mitogenic factors in bovine *milk*.

10/3,K/3 (Item 3 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

10573584 96385537 PMID: 8793381
Growth, differentiation and survival of HC11 mammary epithelial cells: diverse effects of receptor tyrosine kinase-activating peptide growth factors.
Merlo G R; Graus-Porta D; Cella N; Marte B M; Taverna D; Hynes N E
Friedrich Miescher Institute, Basel/Switzerland.
European journal of cell biology (GERMANY) Jun 1996, 70 (2) p97-105, ISSN 0171-9335 Journal Code: 7906240
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: Completed

... a useful in vitro model of mammary cell differentiation. When treated with the lactogenic hormones mix dexamethasone, insulin and prolactin (DIP) these cells synthesize the *milk* protein beta-casein. HC11 cells express receptor tyrosine kinases (RTK) of various subclasses. Here we present an analysis of the effect of their stimulation on...

... During the growth phase all the peptide factors rested in this study: EGF, fibroblast growth factor (FGF)-2, insulin, IGF-I, platelet-derived growth factor (*PDGF*) and stem cell factor (SCF), stimulated MAP kinase (ERK2) activity and-DNA synthesis. However, not all factors were equivalent in promoting competency. Only FGF-2 replaced EGF during growth, while IGF-1 or SCF were able to substitute for insulin. *PDGF* replaced neither EGF nor insulin and was ineffective as a competence factor. The only peptide which could substitute for insulin in the lactogenic DIP mix...

...presence of only dexamethasone and prolactin undergo apoptosis, which is prevented by the addition of either insulin, IGF-1, FGF-2, or EGF, but not *PDGF* or SCF. We conclude that in HC11 cells all peptide factors induce DNA synthesis but have distinct effects on differentiation and survival in HC11 cells.

10/3,K/4 (Item 4 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

10520341 96331423 PMID: 8745503
[The study of growth factors in human colostrum]
Ye S; Sun R; Lu Q
Nanjing University.
Zhonghua fu chan ke za zhi (CHINA) Oct 1995, 30 (10) p591-3, ISSN 0529-567X Journal Code: 16210370R
Document type: Journal Article ; English Abstract
Languages: CHINESE

Main Citation Owner: NI
Record type: Completed

... DNA synthesis was 20 times greater than that of bovine serum. The activity of growth factors in human colostrum was higher than that in human *milk* or bovine colostrum, and only human colostrum contained two different kinds of growth factors--CAGF and CBGF. CONCLUSIONS: Human colostrum contains two kinds of growth factors. CAGF is epidermal growth factor like (EGF-like) growth factor and the CBGF is platelet differentiation growth factor like (*PDGF*-like) growth factor. The effects of human colostrum on promoting baby growth and development is stronger than that of human *milk* and bovine colostrum.

10/3,K/5 (Item 5 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

07042508 91283373 PMID: 1676295
Epidermal growth factor receptor, platelet-derived growth factor receptor, and c-erbB-2 receptor activation all promote growth but have distinctive effects upon mouse mammary epithelial cell differentiation.
Taverna D; Groner B; Hynes N E
Friedrich Miescher Institute, Basel, Switzerland.
Cell growth & differentiation - the molecular biology journal of the American Association for Cancer Research (UNITED STATES) Mar 1991, 2 (3) p145-54, ISSN 1044-9523 Journal Code: 9100024
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: Completed

Three different receptor tyrosine kinases, epidermal growth factor (EGF), c-erbB-2/neu, and platelet-derived growth factor (*PDGF*) receptors, have been found to be present in the mouse mammary epithelial cell line HC11. We have investigated the consequences of receptor activation on the...

... normal epithelial cells which maintain differentiation-specific functions. Treatment of the cells with the lactogenic hormones glucocorticoids and prolactin leads to the expression of the *milk* protein beta-casein. Activation of EGF receptor has a positive effect on cell growth and causes the cells to become competent for the lactogenic hormone ...

... in the acquisition of competence to respond to the lactogenic hormones even if the cells are grown in the absence of EGF. The activation of *PDGF* receptor, through *PDGF* -BB, also stimulates the growth of HC11 cells. Cells kept only in *PDGF* do not become competent for lactogenic hormone induction. The results show that activation of the structurally related EGF and c-erbB-2/neu receptors, but not the *PDGF* receptor, allows the HC11 cells to subsequently respond optimally to lactogenic hormones.

10/3,K/6 (Item 6 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

05711841 88065120 PMID: 3500386
Purification of polypeptide growth factors from milk.
Shing Y; Davidson S; Klagsbrun M
Methods in enzymology (UNITED STATES) 1987, 146 p42-8, ISSN 0076-6879 Journal Code: 0212271
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: Completed

There appear to be [redacted] least three growth factors fo[redacted]ouse BALB/c 3T3 cells in human *milk*. Th[redacted] purification of the predominant [redacted]ne is described in this chapter. Biochemical and immunological studies indicate that this growth factor is probably a form of human epidermal growth factor (EGF). Like EGF, the major human *milk*-derived growth factor has a molecular weight of about 6000, a pI of about 4.5, and is resistant to inactivation by dithiothreitol. (See this...

...EGF.) In addition, Carpenter has shown that antibodies against human EGF will precipitate most of the growth factor activity for 3T3 cells found in human *milk* . The EGF-like species of growth factor cannot be detected in bovine *milk*. Instead, the major growth factor in bovine colostrum appears to be biochemically similar to platelet-derived growth factor (*PDGF*). Like *PDGF* , the bovine colostrum-derived growth factor has a molecular weight of about 30,000, a pI of about 10, is totally inactivated by dithiothreitol but is stable to treatments with guanidine-HCl, urea, and heat. Biochemical characterizations of *milk*-derived growth factors, EGF, and *PDGF* are summarized in Table III. At present, very little is known about the physiological role of these growth factors in *milk*. The availability of these growth factors in homogeneous form will facilitate the studies in understanding their possible involvement in the growth process.

10/3,K/7 (Item 7 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

05679495 88032661 PMID: 3667456
In vitro growth-promoting activity of porcine mammary secretions: initial characterization and relationship to known peptide growth factors.
Cera K; Mahan D C; Simmen F A
Ohio State University.
Journal of animal science (UNITED STATES) Oct 1987, 65 (4) p1149-59, ISSN 0021-8812 Journal Code: 8003002
Contract/Grant No.: HD-22004; HD; NICHD
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: Completed

... free medium and cellular DNA synthesis (4- to 119-fold) as monitored by uptake of 3H-thymidine into DNA of quiescent cells in culture. Porcine *milk* , although mitogenic, had reduced activity when compared with colostrum on an equivalent-volume basis. Furthermore, the relative mitogenic activity of *milk*, although still detectable at 3 wk, continued to decline with length of the lactation period. Fractionation of pig colostrum on gel-filtration columns revealed multiple...
... and a heterogenous profile of epithelial cell mitogenicity. Polyclonal antibodies (IgG) specific for murine epidermal growth factor (EGF; the major mitogen in human and murine *milk*) or human platelet-derived growth factor (*PDGF*) did not inhibit the mitogenic activity of pig colostrum or *milk* , demonstrating lack of antigenic relatedness between the contributing porcine factors and mEGF or hPDGF. Also, we were unable to demonstrate similarity of the small Mr colostral factor with EGF by use of EGF radioreceptor assay. These results identify porcine colostrum and *milk* as sources of potentially important in vitro growth-promoting factors. The enhanced expression of these factors in early mammary secretions suggests their possible in vivo...

10/3,K/8 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

07595900 BIOSIS NO.: 000091124689
EPIDERMAL GROWTH FACTOR RECEPTOR PLATELET-DERIVED GROWTH FACTOR RECEPTOR

AND C-ERB-B-2 RECEPTOR [redacted]TIVATION ALL PROMOTE GROWTH BU[redacted]AVE DISTINCTIVE EFFECTS UPON MOUSE MAM[redacted]Y EPITHELIAL CELL DIFFERENTIATI[redacted]

AUTHOR: TAVERNA D; GRONER B; HYNES N E
AUTHOR ADDRESS: FRIEDRICH MIESCHER INST., P.O. BOX 2543, 4002 BASEL, SWITZERLAND.
JOURNAL: CELL GROWTH DIFFER 2 (3). 1991. 145-154. 1991
CODEN: CGDIE
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

ABSTRACT: Three different receptor tyrosine kinases, epidermal growth factor (EGF), c-erbB-2/neu, and platelet-derived growth factor (*PDGF*) receptors, have been found to be present in the mouse mammary epithelial cell line HC11. We have investigated the consequences of receptor activation on the...

...normal epithelial cells which maintain differentiation-specific functions. Treatment of the cells with the lactogenic hormones glucocorticoids and prolactin leads to the expression of the *milk* protein .beta.-casein. Activation of EGF receptor has a positive effect on cell growth and causes the cells to become competent for the lactogenic hormone...

...in the acquisition of competence to respond to the lactogenic hormones even if the cells are grown in the absence of EGF. The activation of *PDGF* receptor, through *PDGF*-BB, also stimulates the growth of HC11 cells. Cells kept only in *PDGF* do not become competent for lactogenic hormone induction. The results show that activation of the structurally related EGF and c-erbB-2/neu receptors, but not the *PDGF* receptor, allows the HC11 cells to subsequently respond optimally to lactogenic hormones.

?ds

Set	Items	Description
S1	0	(TRANSGENIC (W) MILK) (S) (PDGF OR PDGF-A OR PDGF-B)
S2	16	(PDGF OR PDGF-A OR PDGF-AA OR PDGF-B OR PDGF-BB OR PDGF-AB) (S) (TRANSGENIC (W) (MAMMAL OR MOUSE OR RAT OR GOAT OR RABBIT))
S3	13	RD (unique items)
S4	0	S3 AND (MILK)
S5	172	(PDGF OR PDGF-A OR PDGF-B OR PDGF-AB) (S) (TRANSGENIC)
S6	0	S5 AND (MILK OR (MAMMARY (W) GLAND))
S7	1367	(PROMOTER) (S) (CASEIN OR LACTOGLOBULIN OR LACTALBUMIN OR (WHEY (W) ACID) OR WAP)
S8	0	S5 AND S7
S9	15	(PDGF OR PDGF-A OR PDGF-AA OR PDGF-B OR PDGF-BB OR PDGF-AB) (S) (MILK)
S10	8	RD (unique items)

?logoff

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               $2.31  11 Type(s) in Format  3
            $2.31  11 Types
     $4.58  Estimated cost File155
            $5.10    0.911 DialUnits File5
              $17.50  10 Type(s) in Format  3
           $17.50  10 Types
    $22.60  Estimated cost File5
            $5.44    0.588 DialUnits File73
     $5.44  Estimated cost File73
            OneSearch, 3 files,  2.210 DialUnits FileOS
     $2.80  TELNET
    $35.42  Estimated cost this search
    $35.76  Estimated total session cost   2.297 DialUnits
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